

**ABSTRACT OF THE DISCLOSURE**

An apparatus of the invention controls the air-fuel ratio in response to the stable output of an oxygen sensor. When a system 5 protector 138 detects a disorder in a power network, it outputs failure signal. A connection relay 135 is opened in response to the failure signal to release connection of a generator to the power network to release load. When the failure signal is not detected, a load determination section 41 urges a proportional valve controller 10 40 and the controller 40 drives a valve 35 corresponding to the oxygen density to perform a control of the air-fuel ratio. The load determination section 41 determines that the load is released by the failure signal to send a notification of no load to the controller 40. The controller 40 stops the control of the air-fuel ratio based 15 on the oxygen density in response to this notification.